Full Time Faculty Position in Corrosion Research on Biomaterials and Nanomaterials

The Department of Chemistry at The University of Western Ontario (Western) invites applications for a new full-time faculty position in corrosion research on biomaterials and nanomaterials research. The appointment will be probationary (tenure-track) at the rank of Assistant Professor. The preferred starting date of this position is July 1, 2020, or as negotiated. Salary will be commensurate with qualifications and experience.

Applicants must have a PhD degree in Corrosion Science, or related disciplines, and a strong record of research productivity in the form of publications in relevant peer-reviewed journals, awards, invited talks and other scholarly achievements. They also must demonstrate that they are well positioned at Western to secure external funding in both the public and private sectors as evidenced by their current success in securing funding and/or their potential for future partnerships detailed in their research plan. The successful candidate will be expected to teach undergraduate and graduate courses in Chemistry and to develop new courses in the core areas of their discipline. The successful candidate must also demonstrate his/her ability to attract and train graduate and/or undergraduate research students.

Research areas of interest must focus on corrosion of materials, biomaterials and nanomaterials, especially those taken up by living organisms. A major portion of the future research activities shall involve the study of corrosion with the electrochemical, spectroscopic and microscopic techniques available at Western. The primary research program of the successful candidate must also be complementary to our Department’s current research strengths in corrosion science, biomaterials and nanomaterials. Potential to collaborate with other researchers in the Department of Chemistry, Faculties of Science and Engineering, and the Schulich School of Medicine and Dentistry must also be demonstrated.

The Department of Chemistry (https://www.uwo.ca/chem/) is a research-intensive department in Western’s Faculty of Science (https://www.uwo.ca/sci/), with both undergraduate and graduate programs. We are ranked #4 in total NSERC funding and #2 in NSERC Partnership Funding in the nation. Our Department is home to 30 faculty, including 8 current or former Canada Research Chairs and NSERC Industrial Research Chairs.

With annual research funding exceeding $220 million, and an international reputation for success, Western ranks as one of Canada’s top research-intensive universities. Our research excellence expands knowledge and drives discovery with real-world application. Western also provides an exceptional employment experience, offering competitive salaries, a wide range of employment opportunities and one of Canada’s most beautiful campuses. Further information about Western can be found at http://www.uwo.ca/.

Western is also home of Surface Science Western, SSW (https://www.surfacesciencewestern.com), a consulting and research laboratory specializing in the analysis and characterization of surfaces and materials. SSW offers industrial and academic research clients access to the latest in analysis technology and techniques including secondary ion mass spectrometry, scanning electron microscopy, x-ray photoelectron microscopy, auger electron spectroscopy, atomic force microscopy, and x-ray diffraction.

Information about the City of London, which boasts an international airport, galleries, theatre, music and sporting events can be found at http://www.london.ca/about-london.
Western’s Office of Faculty Recruitment and Retention is available to assist in the transition of the successful applicant and their family.

Candidates should submit a complete application package electronically, that includes a curriculum vitae, one-page teaching statement, concise research proposal (5 pages), and contact details of at least three referees who can provide letters of support, as well as a cover letter addressing how their expertise AND proposed research fits this position by February 28, 2020 to:

Dr. Ken Yeung, Acting Chair  
Department of Chemistry  
The University of Western Ontario  
London, Ontario N6A 5B7, Canada  
Email: chemchair@uwo.ca

Please ensure that the Application for Full-Time Faculty Position Form available at https://www.uwo.ca//facultyrelations/pdf/full-time-application-form.pdf is completed and included in your application submission.

Positions are subject to budget approval. Applicants should have fluent written and oral communication skills in English. The University invites applications from all qualified individuals. Western is committed to employment equity and diversity in the workplace and welcomes applications from women, members of racialized groups/visible minorities, Aboriginal persons, persons with disabilities, persons of any sexual orientation, and persons of any gender identity or gender expression.

In accordance with Canadian Immigration requirements, priority will be given to Canadian citizens and permanent residents.

Accommodations are available for applicants with disabilities throughout the recruitment process. If you require accommodations for interviews or other meetings, please contact Anna Vandendries-Barr at (519) 661-2111 ext. 86344 or avandend@uwo.ca.

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